

Application No. 10/524,185  
Amendment dated December 18, 2006  
Reply to Office Action of November 29, 2006

Docket No.: 60680-2004

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AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A composite cover (10) with an electrical bridge (22), comprising:  
a base component (12);  
a housing (14) mounted to the base component (12) defining an enclosure (16)  
therein, the housing (14) made of non-conductive material;  
at least one electrical connector (20) integrally formed with the housing (14), the at  
least one electrical connector (20) including one or more electrical leads (22) integrally formed with  
the housing (14) that extend through the housing for allowing electrical energy to pass from an  
electrical source outside the housing (14) to an electrical device (18) within the enclosure (16),  
thereby forming an electrical bridge (22) between the electrical source and the electrical device (18),  
wherein the electrical bridge (22) does not extend along an exposed surface of the housing (14).
2. (Currently Amended) The cover (10) according to Claim 1, further comprising a seal (17)  
disposed between the base component (12) and the housing (14).
3. (Currently Amended) The cover (10) according to Claim 1, wherein the housing (14) is  
formed made of non-conductive one of a plastic and a rubber material.
4. (Currently Amended) The cover (10) according to Claim 1, wherein the cover (10)  
comprises a valve cover (30) for an internal combustion engine of a vehicle.
5. (Currently Amended) The cover (10) according to Claim 4, wherein the base component  
(12) comprises a cylinder head of the internal combustion engine.
6. (Currently Amended) The cover (10) according to Claim 1, wherein the cover (10)  
comprises an oil pan (50).
7. (Currently Amended) The cover (10) according to Claim 6, wherein the housing (14)  
comprises a bottom pan flange (54).

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8. (Currently Amended) The cover (10) according to Claim 7, further comprising a premold (68) positioned along a periphery of the bottom pan flange (54).
9. (Currently Amended) A composite cover with an electrical bridge. The cover (10) according to Claim 7, further comprising:  
a base component;  
a housing mounted to the base component defining an enclosure therein, the housing made of non-conductive material, the housing comprising a bottom pan flange;  
at least one electrical connector integrally formed with the housing, the at least one electrical connector including one or more electrical leads that extend through the housing for allowing electrical energy to pass from an electrical source outside the housing to an electrical device within the enclosure, thereby forming an electrical bridge between the electrical source and the electrical device;  
an oil pan; and  
a gasket (56) disposed between the bottom pan flange (54) and a fluid filter (52).
10. (Currently Amended) The cover (10) according to Claim 6, wherein the base component (12) comprises a transmission.